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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Svetlana Dolina

Serial No.: 09/XXX,XXX

Filed: CONCURRENTLY

For: DIAGNOSIS OF PREDISPOSITION TO EPILEPSY
AND MONITORING OF ANTIEPILEPTIC
TREATMENT

Examiner:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

422 Rec'd PCT/PTO 13 NOV 2000

Group Art Unit:

Attorney
Docket No.: 1067/7PRELIMINARY AMENDMENT

Before examining this application, please preliminarily amend the application as follows:

In the claims:

Please cancel claims 1-51.

Please add new claims 1-15, as follows:

- 52 1. A method for diagnosing a predisposition to epilepsy, or epilepsy itself, in a subject, the method comprising the steps of:
(a) obtaining a sample from the subject;
(b) measuring a concentration of at least two kynureine metabolites in the sample; and
(c) comparing said concentration of said at least two kynureine metabolites in the sample to a range of values of said concentration of said at least two kynureine metabolites for normal individuals, such that if said concentration of said at least two kynureine metabolites in the sample lies outside of said range of values for normal individuals, epilepsy or a predisposition to epilepsy is diagnosed in the subject.

83 2. The method of claim 1, wherein said at least two metabolites are selected from